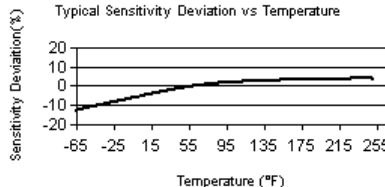


Model Number 352A24		ACCELEROMETER, ICP®		Revision C ECN #: 27171											
Performance		ENGLISH		SI											
Sensitivity (±10 %)		100 mV/g		10.2 mV/(m/s²)											
Measurement Range		±50 g pk		±490 m/s² pk											
Frequency Range (±5 %)		1.0 to 8000 Hz		1.0 to 8000 Hz											
Frequency Range (±10 %)		0.8 to 10000 Hz		0.8 to 10000 Hz											
Frequency Range (±3 dB)		0.4 to 12000 Hz		0.4 to 12000 Hz											
Resonant Frequency		≥30 kHz		≥30 kHz											
Broadband Resolution (1 to 10000 Hz)		0.0002 g rms		0.002 m/s² rms											
Non-Linearity		≤1 %		≤1 %											
Transverse Sensitivity		≤5 %		≤5 %											
Environmental															
Overload Limit (Shock)		±5000 g pk		±49050 m/s² pk											
Temperature Range (Operating)		-65 to +250 °F		-54 to +121 °C											
Temperature Response		See Graph		See Graph											
Electrical															
Excitation Voltage		18 to 30 VDC		18 to 30 VDC											
Constant Current Excitation		2 to 20 mA		2 to 20 mA											
Output Impedance		≤300 ohm		≤300 ohm											
Output Bias Voltage		8 to 12 VDC		8 to 12 VDC											
Discharge Time Constant		0.4 to 1.5 sec		0.4 to 1.5 sec											
Settling Time (within 10% of bias)		<8 sec		<8 sec											
Spectral Noise (1 Hz)		80 µg/√Hz		785 (µm/sec²)/√Hz											
Spectral Noise (10 Hz)		15 µg/√Hz		147 (µm/sec²)/√Hz											
Spectral Noise (100 Hz)		4 µg/√Hz		39 (µm/sec²)/√Hz											
Spectral Noise (1 kHz)		1 µg/√Hz		9.8 (µm/sec²)/√Hz											
Electrical Isolation (Base)		≥10⁸ ohm		≥10⁸ ohm											
Physical															
Sensing Element		Ceramic		Ceramic											
Sensing Geometry		Shear		Shear											
Housing Material		Anodized Aluminum		Anodized Aluminum											
Sealing		Epoxy		Epoxy											
Size (Height x Length x Width)		0.19 in x 0.48 in x 0.28 in		4.8 mm x 12.2 mm x 7.1 mm											
Weight		0.03 oz		0.8 gm											
Electrical Connector		3-56 Coaxial Jack		3-56 Coaxial Jack											
Electrical Connection Position		Side		Side											
Mounting		Adhesive		Adhesive											
															
<i>All specifications are at room temperature unless otherwise specified.</i> In the interest of constant product improvement, we reserve the right to change specifications without notice.															
		<table><tr><td>Entered: EB</td><td>Engineer: BAM</td><td></td><td></td><td>Spec Number:</td></tr><tr><td>Date: 08/23/2007</td><td>Date: 08/23/2007</td><td></td><td></td><td>12320</td></tr></table>				Entered: EB	Engineer: BAM			Spec Number:	Date: 08/23/2007	Date: 08/23/2007			12320
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Date: 08/23/2007	Date: 08/23/2007			12320											
		 3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 888-684-0013 Fax: 716-685-3886 E-mail: vibration@pcb.com Web site: www.pcb.com													

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